

Remarks

Applicant wishes to thank the Examiner and the Primary Examiner for the courtesies extended to the undersigned during the telephone interview of March 4, 2003. It was agreed that Applicant would submit this After Final response. Applicant respectfully requests reconsideration of the claims in view of the telephone interview and allowance of all pending claims.

Claims 1-20 are pending in the present application. Claims 1-4, 7-8, 10, 13, and 17 stand rejected under 35 USC 103(a) for obviousness over U.S. Patent No. 4,985,930 to Takeda et al., in view of U.S. Patent No. 6,192,165 to Irons, and further in view of U.S. Patent No. 5,806,078 to Hug et al. Claim 5 stands rejected under 35 U.S.C §103(a) in view of Takeda, Irons, and Hug and further in view of U.S. Patent No. 6,330,082 to Oliver. Claim 6 stands rejected under 35 U.S.C §103(a) in view of Takeda, Irons, and Hug and further in view of U.S. Patent No. 5,913,542 to Belucci et al and further in view of U.S. Patent No. 6,203,069 to Outwater et al. Claim 9 stands rejected under 35 U.S.C §103(a) in view of Takeda, Irons, and Hug and further in view of U.S. Patent No. 6,249,716 to Edens et al. Claims 11-12, 14-16, and 18-20 stand rejected under 35 U.S.C §103(a) in view of Takeda, Irons, and Hug and further in view of U.S. Patent No. 6,405,223 to Kelley et al.

Applicant respectfully requests allowance of all pending claims.

Claim 1 recites associating at least a portion of the *first communication together with the identifier code on a substrate; changing the first communication on the substrate to form a second communication which is different from the first communication*; scanning the second communication and the identifier code with a scanning machine to digitize the second communication and the identifier code; and *storing the second communication in the database*. Claim 1 is allowable.

Support for the amendment to claim 1 may be found at least at p.7, line 2 - p. 8, line 8 and Fig. 1 of the originally-filed application.

Takeda relates to a *correction system* and fails to disclose or suggest the associating at least the portion of the first communication together with the identifier code on the substrate, and the changing the first communication on

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the substrate. Irons and Hug also fail to disclose or suggest the claimed associating, changing and storing as recited in claim 1. Claim 1 recites limitations which are not shown nor suggested by the prior art and claim 1 is allowable for at least this reason.

In addition, there is no motivation to combine the reference teachings in support of the 103 rejection of claim 1 for at least the reasons set forth in Applicant's previous response. However, even if the references are combined, the combination of reference teachings fails to disclose or suggest associating at least a portion of the *first communication together with the identifier code on a substrate; changing the first communication on the substrate; and storing the second communication which is different than the first communication in the database*. Positively-recited limitations of claim 1 are not shown or suggested in the prior art and Applicant requests allowance of claim 1.

The claims which depend from independent claim 1 are in condition for allowance for the reasons discussed above with respect to the independent claim as well as for their own respective features which are neither shown nor suggested by the cited art.

Claim 7 recites providing a database having multiple versions of a document stored therein as data sets, the multiple versions having a common document specific code associated therewith in the database and having different version specific codes, and providing the *document specific code and version specific code* to a processor in data communication with the database, the processor being configured to extract at least a portion of a second version of the document from a data set corresponding to the second version of the document, wherein the second version is different than the first version. Claim 7 is allowable.

The prior art references, taken alone or in combination, fail to disclose or suggest a database having multiple versions of a document and the multiple versions having different version specific codes as recited in claim 7. Accordingly, positively-recited limitations of claim 7 are not taught nor suggested in the art and claim 7 is allowable for at least this reason.

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Applicant again submits there is no motivation to combine the references in support of the rejection of claim 7 for at least the reasons set forth in Applicant's previous response. The only motivation results from improper utilization of Applicant's disclosure. The rejection of claim 7 is improper for this additional reason.

The claims which depend from independent claim 7 are in condition for allowance for the reasons discussed above with respect to the independent claim as well as for their own respective features which are neither shown nor suggested by the cited art.

Claim 13 recites storing multiple versions of a communication in a database, the storing multiple versions comprising saving a *first version* of the communication to the database utilizing software configured to save a *first identifier code* in the database and saving a *second version* of the communication to the database utilizing software configured to save a *second identifier code* in the database; and retrieving a selected one of the versions comprising providing the published first identifier code to a processor configured to utilize the first and second identifier codes to retrieve and compare the first and second data sets, the processor being further configured to recognize that multiple versions of the communication were saved to the database as multiple data sets and to prompt a user to select which of the multiple versions is to be displayed. Claim 13 is allowable.

The prior art references, taken alone or in combination, fail to disclose or suggest a database having multiple versions of a communication and the multiple versions having respective identifier codes as recited in claim 13. Positively-recited limitations of claim 13 are not taught nor suggested in the art and claim 13 is allowable for at least this reason.

In addition, Applicant again submits there is no motivation to combine the references in support of the rejection of claim 13 for at least the reasons set forth in Applicant's previous response. The only motivation results from improper utilization of Applicant's disclosure. The rejection of claim 13 is improper for this additional reason.

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The claims which depend from independent claim 13 are in condition for allowance for the reasons discussed above with respect to the independent claim as well as for their own respective features which are neither shown nor suggested by the cited art.

Pursuant to the discussions of the telephone interview, and for at least the reasons set forth herein, Applicants submit the application is in condition for allowance and action to that end is respectfully requested.

The Examiner is requested to phone the undersigned if the Examiner believes such would facilitate prosecution of the present application. The undersigned is available for telephone consultation at any time during normal business hours (Pacific Time Zone).

Respectfully submitted,
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**PATENT APPLICATION
DOCKET NO. 10990146-1**

**IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE**

INVENTOR(S): Keith E. Moore

SERIAL NO.: 09/325,910

GROUP ART UNIT: 2176

FILED: June 4, 1999

EXAMINER: R. Singh

SUBJECT: METHODS OF STORING AND RETREIVING INFORMATION,
AND METHODS OF DOCUMENT RETRIEVAL

**VERSION WITH MARKINGS TO SHOW CHANGES MADE ACCOMPANYING
RESPONSE TO JANUARY 3, 2003 OFFICE ACTION**

In the Claims

The claims have been amended as follows. Underlines indicate insertions
and ~~strikeouts~~ indicate deletions.

- 1 1. [Amended] A method of storing and retrieving information,
2 comprising;
3 storing a first communication as data in a database, the storing utilizing
4 software configured to save an identifier code associated with the first
5 communication data in the database;
6 associating at least a portion of the first communication together with the
7 identifier code on a substrate;
8 changing the first communication on the substrate to form a second
9 communication which is different from the first communication;
10 scanning the second communication and the identifier code with a
11 scanning machine to digitize the second communication and the identifier code;
12 storing the second communication in the database;
13 extracting information from the digitized identifier code with a processor,
14 the processor being in data communication with the database and being

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15 configured to utilize the extracted information to retrieve the first communication
16 from the database; and
17 comparing the digitized second communication with the data of the first
18 communication to identify differences between the second communication and
19 the first communication.

END OF DOCUMENT

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